

**Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1-40. (cancelled)

41. (currently amended) A medical device including a reinforcing member, the medical device formed by the following process:

providing one or more metallic filaments adapted and configured to be made into the reinforcing member for the medical device, the one or more metallic filaments including a metallic surface having a portion with an initial surface area, wherein the reinforcing member is a braid;

treating at least the portion of the surface of the one or more metallic filaments to provide a final surface area that is greater than the initial surface area;

creating the reinforcing member using the one or more metallic filaments; and

incorporating the reinforcing member into the construction of the medical device,

wherein the one or more metallic filaments each have a thickness and wherein the portion extends along each of the one or more metallic filaments for a length that is at least twice the thickness of the filament and wherein the portion encircles the metallic filament for the length,

wherein the portion has a profile that is constant along the length,

wherein other structural elements that have not undergone the treating step are also used in creating the braid.

42. (original) The medical device of claim 41, wherein the medical device is a catheter.

43. (previously presented) The medical device of claim 41, wherein the reinforcing member includes an outer surface, an inner surface, and a lumen extending there through.

44. (previously presented) The medical device of claim 43, wherein incorporating the reinforcing member into the construction of the medical device includes connecting an outer layer to the outer surface of the reinforcing member.

45. (original) The medical device of claim 44, wherein the outer layer comprises a polymer material.

46. (original) The medical device of claim 43, wherein incorporating the reinforcing member into the construction of the medical device includes connecting an inner layer to the inner surface of the reinforcing structure.

47. (original) The medical device of claim 46, wherein the inner layer comprises a polymer material.

48-56. (cancelled)

57. (currently amended) The medical device of claim 41, wherein a plurality of the one or more metallic filaments each have a diameter and wherein the diameter of each of the plurality of metal filaments is constant along the portion subsequent to the treating step.

58. (cancelled)

59. (new) A medical device including a reinforcing member, the medical device formed by the following process:

providing one or more metallic filaments adapted and configured to be made into the reinforcing member for the medical device;

treating the surface of each of the one or more metallic filaments to roughen the surface and increase the surface area of the surface;

subsequent to the treatment step, forming a braid using the one or more metallic filaments; and

incorporating the braid into the construction of the medical device,  
wherein other structural elements that have not undergone the treating step are also used in creating the braid.

60. (new) The medical device of claim 59, wherein the step of incorporate the braid into the construction of the medical device includes the steps of providing a first polymeric layer having an outer surface and connecting the outer surface of the first polymeric layer directly to the braid.

61. (new) The medical device of claim 59, wherein the step of incorporate the braid into the construction of the medical device includes the steps of providing a second polymer layer having an inner surface and connecting the inner surface of the second polymeric layer directly to the braid.